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MONTANA OIL AND GAS STATISTICAL BULLETIN

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OIL AND GAS CONSERVATION COMMISSION
SECURITIES BLDG.
HELENA, MONTANA

VOL. VII, No. 5 — McKee Print. — May, 1959

Production of crude oil and condensate from the oil and gas areas of Montana for the month of May, 1959, averaged 77,292 barrels daily, a decrease of 2,598 barrels from the average April production of 79,890.

The ten refineries in the State processed 52,897 barrels of crude oil daily for the month of May, 1959, a decrease of 1,391 barrels daily from the 54,288 barrels processed daily during the month of April, 1959.

During May, 27 wells were completed, 18 oil, 2 gas wells and 7 dry holes.

During May, the Commission issued 32 permits to drill new wells, an increase of 3 from the 29 permits issued during April.

SUMMARY OF CRUDE OIL PRODUCTION, REFINING STORAGE, ETC., IN MONTANA

MONTH OF MAY, 1959

IN STORAGE MAY 1st:	
By Producers	371,931
By Transporters	635,348
By Refiners	826,673
TOTAL STORAGE	1,833,952
Produced in Montana During Month	2,396,063
Imported During Month	1,148,288
TOTALS	5,378,303
DISPOSITION:	
Refined in Montana	1,639,830
Exported	1,891,555
Used for Fuel or Lost	8,796
TOTAL	3,540,181
IN STORAGE MAY 31st:	
By Producers	390,722
By Transporters	622,966
By Refiners	824,434
TOTAL STORAGE	1,838,122

NATURAL GAS WITHDRAWALS IN MONTANA

Month of May, 1959

Field	M Cu. FT.
Bears Den	5,133
Big Coulee	58,811
Bowdoin	86,901
Bowes	34,853
Box Elder	0
Cabin Creek	82,538
Cedar Creek	302,821
Clarks Fork	83,742
Cut Bank (Including Reagan)	785,345
Devon	8,621
Dry Creek	89,986
Elk Basin	29,897
Flat Coulee	20,494
Golden Dome	2,254
Hardin	5,740
Keith Block	112,008
Kevin Sunburst	32,982
Pine	78,687
Plevna	16,445
Utopia	104,293
Whitlash	65,213
Miscellaneous	44,761
TOTAL	2,051,525

Total Withdrawals for May, 1958 were 1,463,879 M Cu. Ft.

PRODUCER'S REPORT
MONTH OF MAY, 1959

Leases Operated	Field	No. of Wells	Storage First of Month	Oil Produced	Oil Shipped By Pipeline	Oil Shipped By Truck	Used or Lost	Storage End of Month
1	Ash Creek	4	1,152	2,746	.....	2,658	.....	1,240
4	Bannatyne	8	3,092	2,017	.....	2,367	422	2,320
....	Belfry	....	45	.....	.....	.....	.....	45
9	Big Wall	24	3,606	13,940	.....	11,335	178	6,033
10	Blackfoot	14	3,093	7,921	.....	8,065	.....	2,949
2	Border	2	.....	373	.....	373	.....	.....
20	Bowes	85	4,294	28,576	28,316	.....	.....	4,554
1	Bredette	1	1,827	504	814	.....	.....	1,517
4	North Bredette	4	3,021	9,062	7,895	.....	.....	4,188
2	Brorson	2	1,687	2,862	2,437	.....	.....	2,112
....	Bynum	....	255	.....	.....	.....	.....	255
2	Cabin Creek	91	12,337	383,870	386,429	.....	1,437	8,341
31	Cat Creek	90	5,005	11,551	8,086	3,167	.....	5,303
1	Clark's Fork	1	640	215	.....	.....	.....	855
3	Clark's Fork North	4	1,633	24,818	.....	24,630	.....	1,821
2	Cupton	2	1,556	1,148	2,342	.....	.....	362
346	Cut Bank	1,129	129,244	166,456	162,843	.....	21	132,836
3	Deer Creek	6	2,404	21,415	21,757	.....	.....	2,062
5	Delphia	5	1,522	4,961	.....	5,222	.....	1,261
4	Devil's Basin	5	1,195	304	.....	303	.....	1,196
5	Dry Creek	5	934	4,128	4,108	.....	.....	954
20	Elk Basin	58	8,021	271,562	270,334	.....	.....	9,249
1	Fertile Prairie	2	836	889	758	.....	.....	967
2	Frannie	2	1,282	2,390	2,605	.....	.....	1,067
2	Gage	2	1,273	2,316	.....	2,168	9	1,412
4	Gas City	12	3,863	19,367	17,435	.....	.....	5,795
6	Glendive	12	3,785	43,734	42,440	.....	.....	5,079
3	Gypsy Basin	3	885	542	.....	339	.....	1,088
2	Hawk Creek	2	330	526	.....	452	.....	404
5	Ivanhoe	13	5,074	20,356	.....	20,150	.....	5,280
205	Kevin-Sunburst	1,401	16,130	71,235	69,889	.....	.....	17,476
2	Line Coulee	2	2,969	1,008	2,285	.....	.....	1,692
1	Little Beaver	7	2,035	20,784	19,525	.....	.....	3,294
4	East Little Beaver	5	2,099	8,019	7,725	.....	.....	2,393
5	Melstone	9	3,326	6,026	.....	6,010	209	3,133
2	Monarch	2	1,299	4,287	3,776	.....	.....	1,810
3	Mosser	5	650	424	.....	653	.....	421
10	Outlook Area	14	7,632	60,144	55,021	.....	.....	12,755
10	Pennel	21	6,117	42,567	39,357	.....	.....	9,327
6	Pine	135	17,925	406,862	408,603	.....	.....	16,184
78	Pondera	337	10,008	42,461	43,101	.....	.....	9,368
10	East Poplar	100	26,382	304,623	310,361	.....	25	20,619
3	Northwest Poplar	4	1,197	1,844	1,851	.....	.....	1,190
4	Ragged Point	7	4,350	8,822	.....	7,416	1,140	4,616
...	Rattlesnake Butte	....	116	.....	.....	.....	.....	116
4	Reagan	44	2,044	10,340	10,366	.....	.....	2,018
6	Red Creek	13	1,839	16,363	.....	15,656	.....	2,546
1	Redstone	1	831	598	631	.....	680	113
1	Repeat	1	665	3,473	3,241	.....	.....	897
5	Richey	10	5,220	17,820	17,999	.....	.....	5,041
1	Sand Creek	1	1,711	10,266	11,295	.....	.....	682
2	Snyder	4	940	2,252	.....	1,892	.....	1,300
3	Soap Creek	12	3,107	4,607	.....	5,229	1	2,484
1	Southwest Richey	2	1,399	2,955	3,303	.....	.....	1,051
3	Stensvad	10	6,898	78,659	40,022	35,241	95	10,199
23	Sumatra	76	16,197	141,438	132,363	5,335	.....	19,937
4	Sweetgrass Hills	7	990	503	.....	546	100	847
9	Whitlash	34	14,676	4,905	819	1,439	.....	17,323
5	Wills Creek	10	3,460	33,508	32,468	.....	.....	4,500
9	Wolf Springs	18	3,813	38,418	37,138	.....	.....	5,093
2	Woodrow	2	1,172	2,151	2,227	.....	.....	1,096
1	Yellowstone	1	843	152	.....	344	.....	651
923		3,883	371,931	2,396,063	2,211,965	160,990	4,317	390,722

Total Oil Produced and Shipped From Lease	Bbls. Produced	Daily Average	Bbls. Shipped	Daily Average
Year, 1958	27,958,649	76,593	27,878,576	76,379
First Quarter, 1959	7,287,446	80,971	7,258,943	80,654
April, 1959	2,396,728	79,890	2,390,597	79,686
May, 1959	2,396,063	77,292	2,372,955	76,546

Oil in Storage	In Producers Field Tank	In Transporters Storage	In Refiners Storage*	Total Oil In Storage*
December, 1958	342,798	707,901	518,033	1,568,732
March, 1959	368,699	661,262	562,586	1,592,547
April, 1959	371,931	635,348	826,673	1,833,952
May, 1959	390,722	622,966	824,434	1,838,122

*Includes Wyoming Oil

TRANSPORTERS REPORT

MONTH OF MAY, 1959

	Storage First Of Month	OIL RECEIVED BY			Loss or Gain	OIL SHIPPED TO			Storage End of Month
		Pipeline	Truck	Connecting Carrier		Montana	Other States	Connecting Carrier	
ASH CREEK—Truck			2,658				2,658		
BANNATYNE—Truck			2,367			2,367			
BIG WALL—Truck			11,335				11,335		
BLACKFOOT—Union Oil Co.			8,065			8,065			
BORDER—Truck			373			373			
BOWES—									
Trigood Oil Co.	2,904	4,660			114	4,570			2,880
The Texas Co.		23,656				23,656			
	2,904	28,316			114	28,226			2,880
BRORSON—Sun Oil Company		2,437					2,437		
CABIN CREEK & OTHERS*—									
Butte Pipe Line Co.	320,572	876,993		538,888			1,450,908		285,545
Shell Pipe Line Corp.	4,033	92,559			525			93,795	2,272
	324,605	969,552		538,888	525		1,450,908	93,795	287,817
CAT CREEK—									
Continental Pipe Line Co.	4,815	8,086			13	8,162			4,726
Wm. Hanlon			3,167			3,167			
	4,815	8,086	3,167		13	11,329			4,726
CLARK'S FORK—Truck			24,630				24,630		
CUT BANK—									
Big West Oil Co.		1,206		30,851		32,057			
Darling Gathering System, Inc.	4,631							915	3,716
Phillips Petroleum Co.	29,932	50,060		17,500	187	46,131		17,500	33,674
Texas Pipe Line Co.	39,982	31,669		17,573	1,560	17,649		31,539	38,476
Toronto Pipe Line Co.	23,634	39,583			(92)			37,861	25,443
Union Oil Co.	97,870	42,776		28,448	446	46,982			121,666
	196,049	165,294		94,372	2,101	142,819		87,815	222,980
DEVILS BASIN—Truck			303				303		
DELPHIA—Truck			5,222			5,222			
DRY CREEK—Ohio Oil Co.	6,071	4,108			(1,533)	2,653			9,054
ELK BASIN—Ohio Oil Co.		270,334					270,334		
FRANNIE—Ohio Oil Co.		2,605					2,605		
GAGE—Truck			2,168			302	1,866		
GLENDIVE, DEER CREEK, WOODROW & SAND CREEK—									
The Texas Pipe Line Co.	7,319	76,407			88		24,650	50,799	8,189
GYPSY BASIN—Truck			339			339			
HAWK CREEK—Truck			452				452		
IVANHOE—Truck			20,150			1,028	19,122		
KEVIN-SUNBURST—									
Big West Oil Co.	4,616	37,705				40,174			2,147
Homestake Oil & Gas Co.	3,022	3,145		915				6,050	1,032
The Texas Pipe Line Co.	4,082	34,807			73	34,734			4,082
	11,720	75,657		915	73	74,908		6,050	7,261
MELSTONE—Truck			6,010			6,010			
MOSSER—Truck			653				653		
PONDERA—Phillips Petr. Co.	35,243	46,177			(11)	54,340			27,091
POPLAR, BREDETTE, OUTLOOK, LINE COULEE, REDSTONE & RICHEY—									
East Poplar Gathering System	18,555	386,950			852			395,139†	9,514
RAGGED POINT—Truck			7,416			7,416			
REAGAN—Union Oil Co.		10,366				10,366			
RED CREEK—Truck			15,656			7,205	8,451		
SNYDER—Truck			1,892				1,892		
SOAP CREEK—Truck			5,229			5,229			
STENSVAD—Truck			35,241				35,241		
SUMATRA & STENSVAD—									
Powder River Pipe Line Inc.	20,020	172,385			1,098	136,847	28,683		25,777
Truck			5,335				5,335		
	20,020	172,385	5,335		1,098	136,847	34,018		25,777
SWEETGRASS HILLS—Truck			546			546			
WHITLASH—									
Homestake Oil & Gas Co.	167			416				583	
Western Natural Gas Co.	1,428	819						410	1,837
Truck			1,439			1,439			
	1,595	819	1,439	416		1,439		993	1,837
WOLF SPRINGS—									
Powder River Pipe Line Co.	6,452	37,009			34	27,587			15,840
YELLOWSTONE—Truck			344			344			
TOTALS	635,348	2,256,502	160,990	634,591	3,354	534,965	1,891,555	634,591	622,966

*Cabin Creek, Cupton, Fertile Prairie, Gas City, Little Beaver, East Little Beaver, Monarch, Pennel, Pine, Repeat, Richey, Southwest Richey and Wills Creek Fields.

†Transferred to Butte Pipe Line Company.

BARRELS OF CRUDE OIL REFINED IN MONTANA

MONTH OF MAY, 1959

Field	Big West Oil Co.	Carter Oil Co.	Continental Oil Co.	Diamond Asphalt Co.	Farmers Union	Jet Fuel Refinery	Phillips Petr. Co.	Texaco Inc.	Texas Calgary Co.	Union Oil Co.	Total by Fields
Blackfoot										6,320	6,320
Border	373										373
Bowes				21,301							21,301
Cat Creek			5,232		4,088	3,461					12,781
Cut Bank	38,587						46,184	25,551		46,868	157,190
Delphia						5,668					5,668
Dry Creek					5,107						5,107
Elk Basin		136,279	60,665								196,944
Gage					451	784					1,235
Ivanhoe						6,593					6,593
Kevin-Sunburst	40,081							95,687			135,768
Melstone					26,951						26,951
Pondera							53,759				53,759
Reagan										10,366	10,366
Red Creek		2,994									2,994
Soap Creek									5,251		5,251
Sumatra		28,543	441		71,419						100,403
Sweetgrass Hills	587										587
Whitlash										1,270	1,270
Wolf Springs		31,717									31,717
Total Montana Oil	79,628	199,533	66,338	21,301	108,016	16,506	99,943	121,238	5,251	64,824	782,578
Canadian Oil Imported										421	421
Wyoming Oil Imported		156,714	282,213		417,904						856,831
TOTAL Montana, Canadian and Wyoming Oil	79,628	356,247	348,551	21,301	525,920	16,506	99,943	121,238	5,251	65,245	1,639,830

AVERAGE BARRELS PER DAY

	Montana	Canada	Wyoming	Total
Year, 1958	25,103	32	38,599	63,739
May, 1958	23,446	....	25,304	48,750
May, 1959	25,244	14	27,639	52,897

PERCENTAGE OF CRUDE OIL REFINED

Montana	Canada	Wyoming
39.39%	.05%	60.56%
48.09%	....	51.91%
47.72%	.03%	52.25%